signing of this accord is in line with Government's stand that steps to ensure improvement of our bilateral defence relations with the U.S., will be taken in a manner consistent with our national interest

Expenditure on R&D from defence budget

3813. DR. MURLI MANOHAR JOSHI:

SHRI TRILOKI NATH CHATURVEDI:

Will the PRIME MINISTER be pleased to state

(a) the percentage of expenditure on R&D from the defence budget during the years 1990, 1992, 1993 and 1994;

(b) whether Government have any system of monitoring and evaluating the technical and scientific research in DRDO and relating it with the expenditure incurred; and

(c) if so, what are its salient features and if not, whether Government propose to introduce this?

THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI MALLIKARJUN): (a) The percentage of expenditure on R&D from the Defence Budget for the year 1990-91 to 1993-94 are as under:

1990-91	4.3%
1991-92	4.2
1992-93	4.5%
1993-94	4.8%

(b) Yes, Sir.

(c) All activities of DRDO are monitored through a system of structured multilayer reviews based on project cost, technological complexity and end user Reviewers are drawn from Academic Institutes, National S&T agencies and Users Services etc. In addition the projects are also critically reviewed by project based multi-tier Management Boards, Steering Committees, R&D Panels and Defence Research & Development Council. Status reviews are also conducted by Services Chiefs and Apex review by Raksha Mantri/Raksha Rajya Mantri.

Maintenance and sirvicing units for air-crafts

3814. SYED SIBTEY RAZI: Will the PRIME MINISTER be pleased to refer to the answer to Unstarred Question 1494 given in the Rajya Sabha on 23rd March, 1995 and state:

(a) the details of cost of serving and maintenance units of HAL;

(b) whether civil maintenance and servicing of leading fighting aircrafts and civilian Boeing Planes was being got done from some unit other than HAL;

(c) if so, the names of such unit with estimated expenditure;

(d) whether development of HAL for such service of Mirage Aircrafts will save huge amount every year; and

(e) if so, the details thereof with utilisation of such saving?

THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI MALLIKARJUN): (a) to (c) Hindustan Aeronautics Limited (HAL) have facilities for repair and overhaul of a majority of aircraft held by the IAF. In cases where facilities do not exist at HAL, the IAF has them overhauled in-house or abroad. Air India and Indian Airlines have their own arrangements for overhaul and servicing. HAL has been carrying out 'Check B' and 'Check C' on Boeing-737 aircraft for some private operators/airlines. The servicing and overhaul costs at HAL, because of its lower labour rates, are less than the costs abroad.

(d) and (e) It is more economical to overhaul Mirage-2000 aircraft in the country than to send them abroad for overhaul. The economy is on account of HAL's lower labour rates and prices of such spare parts as are indigenised